

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14	(trigger\$3 with (buzzer alarm) with ((threshold limit) near2 exceed\$3)) same (audio )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:15
L2	61	weight\$3 near3 (instant instantan\$4) near2 (amplitude gain level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:19
L3	1607	weight\$3 near3 (total overall) near2 (amplitude gain level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:20
L4	1	(weight\$3 near3 (total overall) near2 (amplitude gain level)) same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:20
L5	2	(weight\$3 near3 (total overall) near2 (sum amplitude gain level)) same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:21
L6	4257	(weight\$3 near3 (total overall) near2 (sum amplitude gain level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:21
L7	17	(weight\$3 near3 (total overall) near2 (audio gain volume) near2 (sum amplitude level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:22
S1	580	(381/56).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:30
S2	1240	(381/104,107).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 16:56

## EAST Search History

S3	13	james.in. and automatic same measure\$4 same audio same data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:19
S4	0	carpenter.in. and automatic same measure\$4 same audio same data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 16:57
S5	0	"Hughes Electronics" and automatic same measure\$4 same audio same data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:19
S6	2	((("6931370") or ("20040199933")). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:59
S7	14	((("5966120") or ("5461619") or ("5650825") or ("20020085584") or ("5802068") or ("6137834") or ("6298089") or ("5448568") or ("5506844") or ("6064676") or ("6687247") or ("5987031") or ("7035278") or ("20020146023")). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/11 15:33
S8	1257	(381/57-59).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:22
S9	0	(monitor\$3 check\$3 watch\$3 track\$3 inspect\$3) with ((audio volume) near2 levels) with (MPEG near2 data near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:26
S10	0	(monitor\$3 check\$3 watch\$3 track\$3 inspect\$3) same ((audio volume) near2 levels) same (MPEG near2 data near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:27
S11	0	((audio volume) near2 levels) same (MPEG near2 data near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:27
S12	0	((audio volume) near2 levels) same (MPEG near2 streams)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:31

## EAST Search History

S13	0	(sub-band subband) same stream same (denormali\$5) same threshold same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 17:34
S14	0	("6931370").URPN.	USPAT	OR	OFF	2007/07/06 17:51
S15	7	("4546212"   "5448568"   "5734678"   "5864816"   "5909664"   "6278387"   "6314391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/06 18:11
S16	2	(channel near3 characteristics) with determin\$3 with ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 18:17
S17	0	(schedule near3 commercial near2 breaks) with determin\$3 with ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 18:17
S18	0	(schedule near3 commercial near2 breaks) same ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:09
S19	10	(channel near3 (label name identifier)) same ((audio volume) near2 level\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/06 18:18
S20	165	(measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:12
S21	9	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:15
S22	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1 with (label\$1 identification "ID" schedule)) and (digital near3 (TV television))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:16
S23	1	((((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (label\$1 identification "ID" schedule)) and (digital near3 (TV television))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:17

## EAST Search History

S24	10	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (digital near3 (TV television))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 14:21
S25	46	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:00
S26	8	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG same (sub-band subband)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:12
S27	13	imai.in. and image same audio same compress\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:14
S28	22	hasegawa.in. and (audio same information same process\$3) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:14
S29	0	("565625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:30
S30	1	("5625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:39
S31	7	("4546212"   "5448568"   "5734678"   "5864816"   "5909664"   "6278387"   "6314391").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/11 15:32
S32	1	("5625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 15:39
S33	0	S32 and (volume gain) same level\$1	USPAT	OR	OFF	2007/07/11 15:39
S34	1	S32 and (volume gain)	USPAT	OR	OFF	2007/07/11 15:39

## EAST Search History

S35	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG same (decompress\$3 denormali\$5 dequanti\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:01
S36	0	((((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same MPEG) and ((decompress\$3 denormali\$5 dequanti\$6) near3 (subband sub-band)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:02
S37	84	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and ((decompress\$3 denormali\$5 dequanti\$6) near3 (subband sub-band))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:02
S38	10	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and ((decompress\$3 denormali\$5 dequanti\$6) near3 (subband sub-band)) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:26
S39	2	(("6931370") or ("20040199933")). PN.	US-PGPUB; USPAT	OR	OFF	2007/07/11 16:10
S40	2	S39 and mpeg	US-PGPUB; USPAT	OR	OFF	2007/07/11 16:13
S41	0	mpeg and ((measur\$3 determin\$3 calculat\$3) with (audio volume) with pyschoacoustic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:14
S42	0	mpeg and (((measur\$3 determin\$3 calculat\$3) with (audio volume)) same pyschoacoustic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:15
S43	2	mpeg and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and pyschoacoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:16
S44	1	"704"/\$.ccls. and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (pyschoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:16
S45	0	"381"/\$.ccls. and ((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (pyschoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:16

## EAST Search History

S46	1	((measur\$3 determin\$3 calculat\$3) with (audio volume)) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:17
S47	0	(mpeg same ((audio volume) near3 level near3 channel\$1)) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:18
S48	0	mpeg and ((audio volume) near3 level near3 channel\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:18
S49	0	mpeg and ((audio volume) near3 channel\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:18
S50	1	mpeg and ((audio volume) with level\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:19
S51	1	((audio volume) with level\$1) and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:19
S52	0	"Hughes Electronics" and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:20
S53	1	"704"/\$.ccls. and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:19
S54	0	"381"/\$.ccls. and (psychoacoustic near3 model)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:20
S55	34	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:28

## EAST Search History

S56	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG and pyschoacoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:28
S57	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) and (bit near2 allocat\$3 near3 (subband sub-band)) and MPEG and pyscho-acoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:28
S58	4	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (bit near2 allocat\$3 near3 (subband sub-band))) and MPEG	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 16:31
S59	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same mpeg same (without near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 17:53
S60	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same (without near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 17:54
S61	0	((measur\$3 determin\$3 calculat\$3) with (audio volume) with level\$1) same ("without" near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 17:54
S62	12	((measur\$3 determin\$3 calculat\$3) with (audio volume)) same ("without" near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:24
S63	0	"704"/\$.ccls. and (weight\$3 near3 instantan\$4 near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:20
S64	0	"381"/\$.ccls. and (weight\$3 near3 instantan\$4 near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:20
S65	9	(weight\$3 near3 instantan\$4 near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 10:59

## EAST Search History

S66	0	(subband sub-band) with weight\$3 with ((instantan\$4 instant fast) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:43
S67	2	(subband sub-band) with coefficie\$4 with ((instantan\$4 instant fast) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/11 18:44
S68	20	(weight\$3 near3 (instant instantan\$4) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 14:16
S69	0	(weight\$3 near3 (overall total gross) near2 level) same audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:08
S70	827	(weight\$3 near3 (overall total gross) near2 level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:09
S71	687	(weight\$3 near3 (overall total gross) near2 level) and (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:11
S72	1	(weight\$3 near3 (overall total gross) near2 level) same (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:09
S73	0	(weight\$3 with ((overall total gross) near2 (audio background) near2 level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:10
S74	36	(probability near3 (overall total gross) near2 level) and (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:12
S75	3	(probability near3 (overall total gross) near2 level) same (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:12



## EAST Search History

S76	1	(probability near3 (instant\$7) near2 level) same (audio background)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:18
S77	1	("5625743").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:19
S78	1	S77 and weight\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:23
S79	0	(subband sub-band) with (signal near2 power near2 "each" near2 frequency near2 band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:24
S80	0	(subband sub-band) with (represent\$1) with (signal near2 power) with ("each" near2 frequency near2 band)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/12 11:24
S81	7	(subband sub-band) with (represent\$1) with (signal near2 power)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:04
S82	74	(subband sub-band) near3 (signal near2 power) near3 band	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:05
S83	12	(subband sub-band) near3 (signal near2 power) near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:05
S84	12	((measur\$3 determin\$3 calculat\$3) with (audio volume)) same ("without" near3 decompress\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:24
S85	5	S84 and average	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 11:25

## EAST Search History

S86	0	("S6and(programcomputermediumdisc").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:59
S87	2	((("6931370") or ("20040199933")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/13 11:59
S88	2	S87 and (program computer medium disc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:08
S89	2261	(704/200.1,500,230,235).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:10
S90	0	381/56-59,103-107.ccls. and trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:11
S91	746	trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 12:12
S92	14	(trigger\$3 with alarm with ((threshold limit) near2 exceed\$3)) same (audio )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/07/13 13:59